

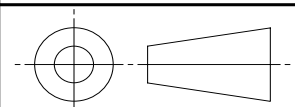
AS81714/65

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THIRD ANGLE PROJECTION



ISSUED PROPOSED DRAFT 2004-03

CUSTODIAN: AE-8/AE-8C2

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

TERMINAL JUNCTION SYSTEM, TERMINAL JUNCTION
BLOCKS, SECTIONAL, WIRE IN-LINE JUNCTIONS,
SERIES II

AS81714/65
SHEET 1 OF 4

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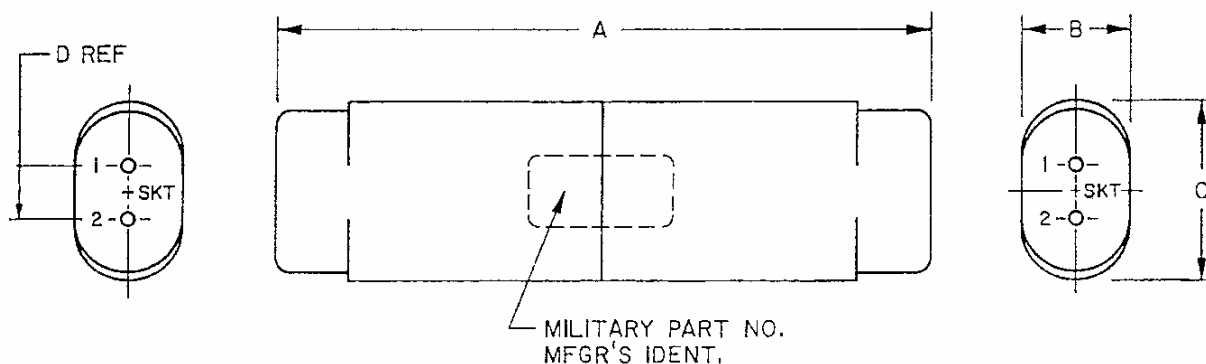


FIGURE 1. WIRE IN-LINE JUNCTION
TYPE: 2.

PART NUMBER	COMPONENT DESIGNATOR	A MAX	B MAX	C MAX	D REF
M81714/65-22-2	22	1.322 (33.58)	.240 (6.05)	.384 (9.75)	.120 (3.05)
M81714/65-20-2	20	1.428 (36.27)	.271 (6.88)	.481 (12.22)	.150 (3.81)
M81714/65-16-2	16	1.428 (36.27)	.304 (7.72)	.548 (13.92)	.184 (4.67)
M81714/65-12-2	12	1.704 (43.28)	.367 (9.32)	.674 (17.12)	.247 (6.27)

MIL-T-81714/65, DATED 2 MARCH 1988, IS HEREBY REINSTATED AND MAY BE USED FOR ACQUISITION.

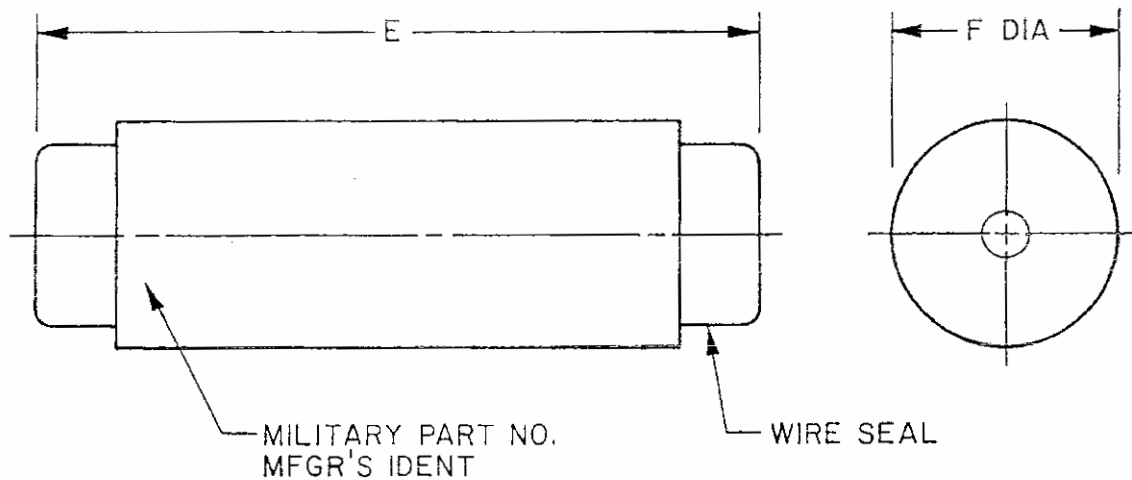


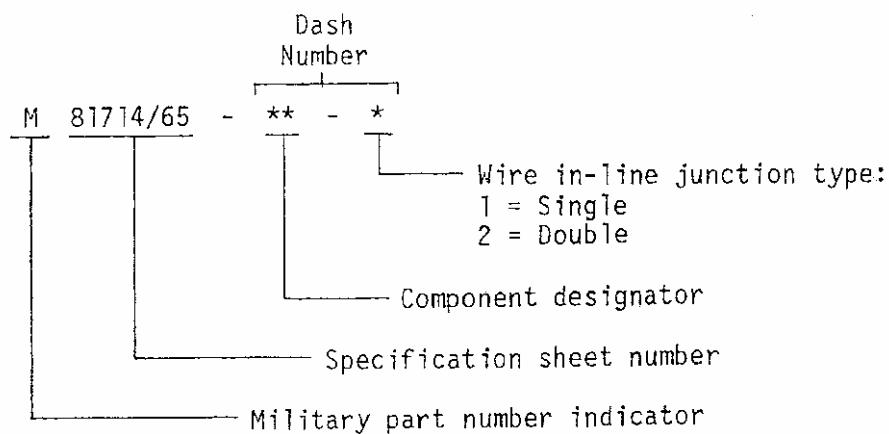
FIGURE 2. WIRE IN-LINE JUNCTION SPLICE
TYPE: 1.

PART NUMBER	COMPONENT DESIGNATOR	E MAX	F MAX
M81714/65-22-1	22	1.310	.230
M81714/65-20-1	20	1.434	.290
M81714/65-16-1	16	1.452	.324
M81714/65-12-1	12	1.710	.387

INCH	MM	INCH	MM	INCH	MM	INCH	MM
.120	3.05	.271	6.88	.387	9.83	1.428	36.27
.150	3.81	.290	7.37	.481	12.22	1.403	35.64
.184	4.67	.304	7.72	.548	13.92	1.434	36.42
.230	5.84	.324	8.23	.674	17.12	1.452	36.88
.240	6.05	.367	9.32	1.310	33.27	1.704	43.28
.247	6.27	.384	9.75	1.322	33.58		

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. HOUSING MAY BE METAL.
3. EACH WIRE IN-LINE JUNCTION (TYPE 1) IS SUPPLIED WITH TWO (2) CONTACTS AND NO SEALING PLUG. EACH WIRE IN-LINE JUNCTION (TYPE 2) IS SUPPLIED WITH FIVE (5) CONTACTS AND ONE (1) SEALING PLUG. CONTACT INSERTING/REMOVAL TOOLS ARE TO BE ORDERED SEPARATELY, AS REQUIRED. NO END SEALING PLUGS REQUIRED WITH TYPE 1.
4. METRIC EQUIVALENTS (TO THE NEAREST .01 MM) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4 MM.
5. THE PART NUMBER CONSISTS OF THE LETTER M, SPECIFICATION SHEET NUMBER, COMPONENT DESIGNATOR AND WIRE IN-LINE JUNCTION TYPE (1 = SINGLE, 2 = DOUBLE).



Part Number example:

M81714/65-22-1